

February 1, 2013

To: Executive Board

Subject: Contract Amendment – Electric Drive Cooling Fan System

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### Recommendation

Authorize the Executive Director to execute an amendment to Agreement No. 11-030 with Diversified Services, Inc. in the amount of \$197,581.50 to replace hydraulic drive cooling fan systems on ten Foothill Transit buses with electric drive systems.

### Analysis

In 2012 Foothill Transit contracted with Diversified Services, Inc. to upgrade 75 North American Bus Industries (NABI) 40-foot transit buses with new electric cooling fan systems. This project was funded with Federal Transit Administration Section 5309 “State of Good Repair” grant funding.

There are funds remaining at the completion of the initial project. Due to the restrictions of the grant, the remaining funds are limited to upgrades of existing hydraulic drive cooling fan systems. As such, Foothill Transit seeks to upgrade ten additional NABI 40-foot transit buses with the electric cooling fan system.

The originally-installed cooling system uses a hydraulically-driven fan system to maintain proper engine temperature. The hydraulic fan system is driven by the engine which requires the engine to work harder and consume more fuel. The existing system components have degraded over time and the electric drive system is more technologically advanced and fuel-efficient option.

### Budget Impact

The total cost of this project is \$197,581.50. Foothill Transit has unobligated Sec. 5309 “State of Good Repair” grant funds to be used exclusively toward this project.

Sincerely,



Lauren Cochran Festner  
Director of Maintenance and Vehicle Technology



Doran J. Barnes  
Executive Director